

Claims

1. Attenuation arrangement for ADSL signals wherein an attenuator is inserted between a remotely located ADSL line termination unit and the line, said attenuation arrangement being for the purpose of reducing the mismatch of downstream power level of said ADSL LT unit and downstream power level of other ADSL signals sharing the same cable bundle but fed from a more distant point.
2. An attenuation arrangement as in claim 1 wherein the attenuator has a sloped attenuation versus frequency characteristic to approximate the characteristic of actual telephone lines.
3. An attenuation arrangement as in claim 1 wherein the attenuator has a flat characteristic.
4. An attenuation arrangement as in claim 2 or claim 3 wherein the attenuator consists of a capacitive coupling part and an attenuator part
5. An attenuation arrangement as in claim 4 wherein the attenuator also includes a protection part located between said capacitive coupling part and said attenuator part.
6. An attenuation arrangement as in any of the preceding claims which is integrated with an ADSL LT unit.
7. An attenuation arrangement as in any of the preceding claims which is co-located with an ADSL LT unit.